DECLARATION AND POWER OF ATTURNEY FOR ORIGINAL U.S. PATENT APPLICATION

Attorney's Docket No. INT1P021

As a below-named inventor, I hereby declare that:

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60/103,814

(Application Serial No.)

My residence, post office address and citizenship are as stated below next to my name. I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: VARIABLE BANDWIDTH COMMUNICATION SYSTEMS AND METHODS, the specification of which, is attached hereto. (check one) was filed on October 9, 1998 U.S. Application Serial No. <u>09/169,713</u> and was amended on _____ 3. was filed on International PCT Application Serial No. and was amended on _____ I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, CFR § 1.56. I hereby claim foreign priority benefits under Title 35, United States code, § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed: Priority Benefits Claimed? Prior Foreign Application(s) Yes No (Filing Date) (Country) (Appl. No.) Yes No (Filing Date) (Country) (Appl. No.) Yes No (Filing Date) (Country) (Appl. No.) I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below: October 9, 1997 60/062,144 (Filing Date) (Application Serial No.)

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s), or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

October 8, 1998

(Filing Date)

Post Office Address:

Prior U.S. Application(s)		
(Application Serial No.)	(Filing Date)	(Status - patented, pending, abandoned)
(Application Serial No.)	(Filing Date)	(Status - patented, pending, abandoned)
(Reg. No. 32,043); Albert S. 41,238); Raymis H. Kim (Re	Penilla (Reg. No. 39,487); Brian	ading Paul L. Hickman (Reg. No. 28,516); Peter B. Martine R. Coleman (Reg. No. 39,145); Dawn L. Palmer (Reg. No. (43,247) as my principal attorneys to prosecute this application nnected therewith:
Send Correspondence To:	Jerray Wei HICKMAN & M P.O. BOX 52037 Palo Alto, Califo	
Direct Telephone Calls To:	Jerray Wei at telep	hone number (650) 470-7430
belief are believed to be true; like so made are punishable b	and further that these statements we by fine or imprisonment, or both, ur	wledge are true and that all statements made on information and ere made with the knowledge that willful false statements and the nder section 1001 of Title 18 of the United States Code, and that oplication or any patent issuing thereon.
Typewritten Full Name of Sole or First Inventor:	Debby Hindus	Citizenship: USA
Inventor's signature:	delly Hirello	Date of Signature: 12/17/98
Residence: (City)	San Francisco	(State/Country) <u>California/USA</u>
Post Office Address:	315 Yerba Buena Avenue, S.	an Francisco, California 94127
Full Name of Second Joint Inventor (if any):	Scott Mainwaring	Citizenship: USA
Inventor's signature:	Swith Many	Date of Signature:
Residence: (City) _	San Francisco	(State/Country) <u>California/USA</u>
Post Office Address:	656 29th Street, San Francis	co, California 94131
Full Name of Third Joint Inventor (if any):	Elin Pedersen	Citizenship:
Inventor's signature:		Date of Signature:
Residence: (City)		(State/Country)

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Full Name of Fourth Joint		()5
Inventor (if any):	Sean Michael White	Citizenship:
· Inventor's signature:	a Chr	Date of Signature: Dec 16,1998
Residence: (City)	San Fenersco	(State/Country)
Post Office Address:	87 Casell: Ave	SF, CA 94114
Full Name of Fifth Joint Inventor (if any):	William Gaver	Citizenship:
Inventor's signature:		Date of Signature:
Residence: (City)		(State/Country)
Post Office Address:		

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Attorney's Docket No. INT1P021

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October 8, 1998

(Filing Date)

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Send Correspondence To:	Jerray Wei HICKMAN & M P.O. BOX 52037 Palo Alto, Califo	
Direct Telephone Calls To:	Jerray Wei at telepl	none number (650) 470-7430
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Typewritten Full Name of Sole or First Inventor:	Debby Hindus	Citizenship: USA
Inventor's signature:		Date of Signature:
Residence: (City)	San Francisco	(State/Country) <u>California/USA</u>
Post Office Address:	315 Yerba Buena Avenue, Sa	n Francisco, California 94127
Full Name of Second Joint Inventor (if any):	Scott Mainwaring	Citizenship: USA
Inventor's signature:		Date of Signature:
Residence: (City)	San Francisco	(State/Country) <u>California/USA</u>
Post Office Address:	656 29th Street, San Francisc	co, California 94131
Full Name of Third Joint Inventor (if any):	Elin Pedersen	Citizenship: DEVMARK
Inventor's signature:	The War	Date of Signature: fee 6, 77
Residence: (City)	REDUCOD CITY	(State/Country) <u>CALIFORNIA /USA</u>

330 ALAMEDA DE LAS PULGAS, CA 94062

Post Office Address:

Inventor (if any):	Sean Michael White	Citizenship:
Inventor's signature:		Date of Signature:
Residence: (City)		(State/Country)
Post Office Address:		
Full Name of Fifth Joint Inventor (if any):	William Gaver	Citizenship:
Inventor's signature:		Date of Signature:
Residence: (City)		(State/Country)
Post Office Address:		

DECLARATION AND POWER OF ATTORNEY FOR ORIGINAL U.S. PATENT APPLICATION

Attorney's Docket No. INT1P021

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(check one)	1.	is attached hereto.	·		
			ber 9, 1998 Serial No. <u>09/169,713</u> on		
	3.	International PCT	Application Serial No		
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(Appl. No.)		(Country)	(Filing Date)		Yes No
(Appl. No.)		(Country)	(Filing Date)		Yes No
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60/062,144 (Application Serial l	No.)	October (Filing I	9, 1997 Date)		
60/103,814		<u>October</u>	8, 1998		

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(Filing Date)

(Application Serial No.) (Filing Date)		(Status - patented, pending, aban-	doned)
Stephens (Reg. No. 32,632); Br	ian R. Coleman (Reg. No. 39,14 o. 38,406) and Robert D. Hayd	man, including Paul L. Hickman (Re 5); Dawn L. Palmer (Reg. No. 41,238 en (Reg. No. 42,645) as my principal a rk Office connected therewith:	3); Jerray Wei (Reg. No
Send Correspondence To: Jerray Wei HICKMAN STER P.O. BOX 52037 Palo Alto, Califor			
Direct Telephone Calls To: Jerray Wei at telepho		hone number (650) 470-7430	
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Inventor's signature:		Date of Signature:	
Residence: (City)	San Francisco	(State/Country)	California/USA
Post Office Address:	315 Yerba Buena Avenue, Sa	an Francisco, California 94127	
Full Name of Second Joint Inventor (if any):	Scott Mainwaring	Citizenship:	USA
Inventor's signature:	Access to the second se	Date of Signature:	
Residence: (City)	San Francisco	(State/Country)	California/USA
Post Office Address:	656 29th Street, San Francisc	co, California 94131	
Full Name of Third Joint Inventor (if any):	Elin Pedersen	Citizenship:	
Inventor's signature:		Date of Signature:	
Residence: (City)		(State/Country)	

(Filing Date)

(Status - patented, pending, abandoned)

Prior U.S. Application(s)

(Application Serial No.)

Post Office Address:

Full Name of Fourth Joint Inventor (if any):	Sean Michael White	Citizenship:
Inventor's signature:		Date of Signature:
Residence: (City)		(State/Country)
Post Office Address:		
Full Name of Fifth Joint Inventor (if any):	William Gaver	Citizenship: US
Inventor's signature:	Wh Wya	Date of Signature: 75 · 1 · 97
Residence: (City)	LONDON	(State/Country) U.K.
Post Office Address:	19 Lidyard Road, London N19 5NR,	United Kingdom